

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. SAEG108.001APC	APPLICATION NO. 10/070,048
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Nishino, et al.	
MAY 24 2002 (RE)SEVERAL SHEETS IF NECESSARY		FILING DATE February 22, 2002	GROUP Unknown 753

O I P E S C S
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>GS</i>	57-147577	09/11/82	Japan				Abstract
	EP 0 285 175	10/05/88	Europe				
	EP 0 658 373	06/21/95	Europe				
	09-077691	03/25/97	Japan				Abstract
	2000-85588	03/28/00	Japan				Abstract

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
<i>GS</i>	1. Tran, C.D., et al., "Stereoselective Energy Transfer Induced by Circularly Polarized Light," <i>Study Phys. Theory Chem.</i> Vol.7 p.53-66, 1979						*
	2. Miesen, F.W.A.M., et al., "Synthesis of Optically Pure 3-(mer)-((1S,6R)-Bicyclo[4.4.0]decane-3,8"-dione, a Molecule Which is Chiral in the Excited State Only," <i>J Am. Chem. Soc.</i> , Vol.116, No.12, p.5129-5133, 1994						
	3. Inoue, Y., et al., "Hikari de Fusai Gousai ni semaru," <i>Sakigake Kenkyu 21 Kenkyu Houkokukai, Hikari to Busshitsu Kogen Youishishuu</i> 1994, p.42-48, 1995						
	4. Selam, A., et al., "On enantiomeric excess obtained from racemic mixtures by using circularly polarized pulsed lasers of varying durations," <i>Chem.Phys.</i> Vol.228, No. 1, p.115-128, 1998						*
	5. Bumham, K.S., et al., "A Search for Chiral Photochromic Optical Triggers for Liquid Crystals: Photoracemization of 1-Biphenylpyran through a Transient Biphenyl Quinone Methide Intermediate," <i>J Am.Chem.Soc.</i> , Vol.120, No. 48, p.12619-12625, 1998						*
	6. Inoue, Y., et al., "Pressure and Temperature control of Product Chirality in Asymmetric Photochemistry: Enhanced/Inertialized Photoisomerization of Cyclooctene Sensitized by Chiral Benzene-polycarboxylates," <i>J Am.Chem.Soc.</i> , Vol.120, No. 41, p.10687-10696, 1998						*
	7. Nishino, H., et al., "First Reversible Asymmetric Photoisomerization with Circularly Polarized Light: Absolute Asymmetric Synthesis of Norbornadiene and Quadricyclane," <i>Proceedings II of 1993 70th National Meeting of Chemical Society of Japan</i> , p.1157, IC741, March 15, 1993						

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* no month

EXAMINER	<i>Edna Wang</i>	DATE CONSIDERED	<i>12/11/03</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED; INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SAE105.001APC	APPLICATION NO. 10/070,048
JOINT INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
<small>(USE SEVERAL SHEETS IF NECESSARY)</small>		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**EXAMINER
INITIALS**

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

1. Inoue Y, et al. "Absolute Asymmetric Syntheses of Norbornadiene and Quadricyclane Derivatives with Circularly Polarized Light: First Reversible Asymmetric Photoisomerization between Norbornadienes and Quadricyclanes with Circularly Polarized Light" and its translation *no chiral*

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EXAMINER <u>Ema Wong</u>	DATE CONSIDERED <u>12/11/03</u>
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CORRECTED FORM 1449
TO REPLACE FORM FILED JUNE 10, 2002

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. SAEG106.001APC	APPLICATION NO. 10/070,048
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Nishino, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE February 22, 2002	GROUP Unknown 153

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CJ	1. Nishino, H., et al. "Absolute Asymmetric Syntheses of Norbornadiene and Quadricyclane Derivatives with Circularly Polarized Light: First Reversible Asymmetric Photoisomerization between Norbornadienes and Quadricyclanes with Circularly Polarized Light," Proceedings II of 1999 76 th National meeting of Chemical Society of Japan, p. 1157, 1C741, March 15, 1999 (translation).

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EXAMINER *Sonat Wang* **DATE CONSIDERED** *2/11/03*

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